

BOOK REVIEWS

PRACTICAL MALARIOLOGY. By Paul F. Russell, M.D., M.P.H., Colonel M.D., A.U.S., Parasitology Division, The Army Medical School, Luther S. West, Ph.D., Head of Biology Department, Northern Michigan College of Education. Major, Sn.C., A.U.S. (Reserve); formerly Entomologist, Parasitology Division, Army Medical School, and Reginald D. Manwell, Sc.D., Professor of Zoology, Syracuse University, New York, formerly Captain, Sn.C., A.U.S., Protozoology Section, Parasitology Division, Army Medical School. Forward by Raymond B. Fosdick, President of The Rockefeller Foundation. 238 illustrations, 8 in color. W. B. Saunders Company, Philadelphia, 1946. Price \$8.00.

Many American physicians had experience with malaria for the first time in World War II. Knowledge concerning this most frequent of diseases was greatly advanced by the war. Suppressing chemical therapy, and particularly control of malaria by the use of measures such as D.D.T., greatly altered the military story of the Pacific Theater.

This excellent book outlines the whole problem of malariology and includes much material available through the National Research Council. Readers who served in the military forces will find in it much to refresh their memories of experiences in the tropics.

It should be emphasized that the study of malaria is not just a clinical study, but one encompassing all aspects of the disease. In fact in this book only 60 of the 661 pages deal with the disease in man. The remainder are divided into sections on the parasite, the mosquito, the community, prophylaxis and control and into an appendix with a key to world anophelines.

As stated in the title the book is practical. It is a beautiful piece of work, well illustrated, attractive and clear. All students of the subject will find pleasure in reading this volume, and those in the field will find it concise, practical and useful.

THROUGH THE STRATOSPHERE—THE HUMAN FACTOR IN AVIATION. By Maxine Davis. Cloth. Price, \$2.75. Pp. 253. New York: The MacMillan Company, 1946.

The glamor which surrounds aviation is made of resilient material. This time it encloses the story of aviation medicine. Miss Davis is a reporter, an observant one. She has obtained her information from headquarters and from flying fields. In a very clear introduction she outlines her tale as that of a journalist, and throughout the book she records in most interesting fashion her personal experiences, mixed with official material from the Pentagon. If she has been too credulous in the acceptance at face value of some of the latter she has erred very humanly. The interpretations of technical programs are well done, even though they may at times be difficult for the layman. The descriptions of men and of places will recall pleasantly one's own experiences if one has been with the air forces.

The details of the story begin with a description of the fliers' classification program of the U. S. Army Air Forces. Next is an account of the hazards of altitude—cold and anoxia. Various other aspects of aviation medicine are covered in order: G-suits, the care of fliers and their equipment, food, the prevention of infectious disease, actual personal medical care, visual aids, parachute descent, combat fatigue and flying fatigue, air evacuation and convalescent care. The specific roles of the squadron flight surgeon, the personal equipment officer, the flight nurse and the air-ground rescue unit of the C.B.I. Theatre are developed.

In summary, one may term this a layman's textbook of aviation medicine in World War II. It is recommended reading.

THE NORMAL ENCEPHALOGRAM. By Leo M. Davidoff, M.D., and Cornelius G. Dyke, M.D. Second Edition, Thoroughly Revised, Illustrated with 155 Engravings. Lea & Febiger, Philadelphia. Price \$5.50.

Dr. Davidoff and Dr. Dyke (now deceased) have both had extensive experience in the study and interpretation of Encephalograms as well as with the associated surgical problems.

This volume presents a complete story of the historical development of Encephalography and the various technical methods employed in the introduction of gases into the subarachnoid spaces and the ventricular system.

The roentgenological aspect is also covered, both as technique and interpretation of the films.

The indications and contraindications, as well as the reactions to encephalography, are discussed in detail.

Considerable space is devoted to the appearance of normal encephalograms and a careful analysis is made of the entire ventricular and subarachnoid systems as they appear in the films. This section is well illustrated with numerous roentgen ray films in addition to diagrammatic illustrations and photographs of anatomical specimens.

This monograph is comprehensive in every detail and should be a part of the library of all Neurologists and Neurosurgeons, as well as Roentgenologists who are interpreting encephalograms.

ESSENTIALS OF MEDICINE. By Charles Phillips Emerson, Jr., A.B., M.D., and Jane Elizabeth Taylor, R.N., B.S., M.Ed. Fifteenth Edition. 201 Illustrations in Black and White and Four Color Plates. Copyright, 1946, by J. B. Lippincott Company, Philadelphia. Price \$3.50.

This book, now in its 15th edition, ranks among the best of its kind. The new edition has been carefully revised, brought amazingly up to date, and seems destined for wide acceptance by those engaged in the instruction of nurses.

Noteworthy, it seems, is the masterly balance maintained between the wealth of facts contained, and their practical application in nursing. Somewhat difficult medical subjects are rendered more easily understandable by the physiologic approach, with nursing techniques often being emphasized as a part of this physiologic concept. The book is well illustrated, and the new double column type will no doubt be appreciated by students. The new unit arrangement for consideration of subject matter (one unit being devoted particularly to nursing care) certainly seems an improvement over former editions. Quite naturally, one could find ground for slight disagreement with the medical author on certain statements in the text, but these disagreements are of no moment, and would serve only to detract from an excellent work.

The book is recommended to those who are seeking a text for teaching nurses the fundamentals of internal medicine.

DIAGNOSIS AND TREATMENT OF ACUTE MEDICAL DISORDERS. By Francis D. Murphy, M.D., F.A.C.P. Second Edition, 27 Illustrations, 510 Pages. F. A. Davis Company, Publishers, Philadelphia. 1946. Price \$6.50.

This medium sized volume is devoted to the practical considerations in the management of the acute episodes of medical diseases. It is the accumulation of a lifetime of the author's experiences. The print is large and clear. Scattered sparsely through the work are illustra-